



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H141598

**Mode:** Highway

**Status:** Submitted

### NC-211 (Southport Supply Road SE)

**From/Cross Street:** SR-1500 (Midway Road)

**Specific Improvement Type:** 7 - Upgrade At-grade Intersection to Interchange or Grade Separation

**To:**

**Project Category:** Regional Impact

**Length:** 2

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$25,110,000

#### Description:

Upgrade at grade intersection to an interchange

**Division(s):** Division 3

**County(s):** BRUNSWICK

**MPOS(s)/RPO(s):** Cape Fear RPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 24.89**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (25%) 6.15 [Travel Time] Benefit/Cost (20%) 0.07 Safety (25%) 33.35	Percent: 15% Points: 0	Percent: 15% Points: 100
<b>Totals: Weight: 70% Weighted Score: 9.89</b>		

**Division Needs Total Score: 15.91**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 43.14 Safety (20%) 33.35 Multimodal + [Freight & Military] (10%) 6.15	Percent: 25% Points: 0	Percent: 25% Points: 0
<b>Totals: Weight: 50% Weighted Score: 15.91</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	18470.31
Capacity:	30999.96
Volume/Capacity Ratio:	0.6
% Autos:	93%
% Trucks:	7%
Truck Volume:	1230.91
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	0
Severity Index:	66.7
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	92
Actual Congested Speed:	23.95
Travel Time Index:	2.3

**Project Benefits**

Project Cross-Section:	
Speed Limit:	55
Length (miles):	2
Facility Type:	Arterial
Access Control:	Full
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	83000
Travel Time Savings for 30 Years (Autos):	77468.64
Travel Time Savings for 30 Years (Trucks):	5531.36
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	Yes
CTP/LRTP Name:	Brunswick County CTP
CTP/LRTP Completion Year:	2007
Submitted by:	Division 3

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 3	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Cape Fear RPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$20,250,000	Cost Estimation Tool
Right-of-Way Cost:	\$4,860,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$25,110,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$25,110,000</b>	